

LANGMAJER, Miroslav

Design and production of electrodes for high frequency welding.  
Kozarstvi 15 no.2:48-53 F '65.

1. Zavody elektrotepelných zařízení National Enterprise, Prague.

LANGMEIER, Josef

The problem of mental deprivation and the development of educational views in Czechoslovakia. Cesk. pediat. 17 no.7/8:646-652 Ag '62.

1. Katedra pediatrie UDL, Havlickuv Brod.  
(PSYCHOLOGY EDUCATIONAL) (PARENT CHILD RELATIONS)

LHOPAK, J., MUDr.; LANGMEIER, J., PhDr.

Importance of a general hospital in postgraduate pediatric training. Cesk. zdrav. ll no.9:385-392 S '63.

1. Pediatricka katedra UDL, Havlickuv Brod.  
(PEDIATRICS) (EDUCATION, MEDICAL, POSTGRADUATE)  
(HOSPITALS)

LANGMAIER, Z.; VONASEK, A.

Bearing puller of the front axle. Stroj vyr 9 no.12:620 '61.

1. Automobilove zavody, narodni podnik, vedeni opraven, Mlada Boleslav.

CZECHOSLOVAKIA/Nuclear Physics - Installations and Instruments  
Methods of Measurement and Research

C-2

Abs Jour : Ref Zhur - Fizika, No 2, 1959, No 2660

Author : Frynta Z., Langmajer J.

Inst : -

Title : Containers for the Radio Isotope Co<sup>60</sup>.

Orig Pub : Jaderna energie, 1958, 4, No 4, 98-102

Abstract : The bulk coefficient of attenuation for lead and iron have approximately identical values in the region of  $\gamma$ -ray energies from Co<sup>60</sup>. It is therefore best to design the containers in such a way that the internal portion is made of lead and the outer, thicker case be made of iron. Data are given for the calculation of the thickness of the container walls of lead and iron. To show that the design of containers can give great economy in lead or other heavy metals. Author's resume

Card : 1/1

FRYNTA, Z.; LANGMAJER, J.

Shielding for the radioisotope Co<sup>60</sup>. Jaderna energie  
4 no.4:98-102 Ap '58.

1. Vyzkumny ustav materialu a technologie, Praha.

LANGMAJER, H., inz.

Apparatus for polyethylene impulse welding. Strojirenstvi  
13 no.11:871-872 N '63.

1. Zavody elektrotepelných zařízení, Vyzkumny ustav, Praha.

LANGMAR, J.

Methods and equipment for the laboratory investigation of filtration under  
dams. p. 248.

(HIDROLOGIAI KOZISNY. HYDROLOGICAL JOURNAL. Vol. 36, no. 4, Aug. 1956. Budapest)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957. Uncl.

LANGMAR, Jozsef

Methods and equipment for the laboratory testing of the seepage under hydraulic constructions. Hidrologiai közlony 35 no.4:248-257 Ag'56

1. Építőipari és Közlekedési Műszaki Egyetem 1. sz. Vízépítészeti Tanszéke. Tanszékvezető: Németh Endre, egyetemi tanár, a műszaki tudományok doktora.

CHORZELSKI, Tadeusz; LANGNER, Andrzej

Treatment of single foci of psoriasis by local injections of triamcinolone. Preliminary communication. Przegl. dermat. 48 no.5:429-430 '61.

1. Z Kliniki Dermatologicznej AM w Warszawie Kierownik: prof. dr S. Jablonska.

(PSORIASIS ther) (TRIAMCINOLONE ther)

CHORZELSKI, Tadeusz; MILEWSKI, Boguslaw; LANGNER, Andrzej

Comparative cytological and histological studies on true and artificial acantholysis. Przegl. dermat. 49:55-57 '62.

1. Z Kliniki Dermatologicznej AM w Warszawie Kierownik: prof. dr S. Jablonska.

(PEMPHIGUS)

(SKIN)

CHOPZELSKI, Tadeusz; LANGNER, Andrzej

Effect of magnesium ions on acantholysis produced artificially in vitro with the aid of cantharidin. Przegl. dermat. 49:59-61 '62.

1. Z Kliniki Dermatologicznej AM w Warszawie Kierownik: prof. dr S. Jablonska.

(CATHARIDES) (SKIN) (BLISTER) (MAGNESIUM)

CHORZELSKI, Tadeusz; BLASZCZYK, Maria; LANGNER, Andrzej

Fundamental immunological phenomena in lupus erythematosus.  
Przegl. dermat. 51 no.3:311-317 My-Je '64

1. Z Kliniki Dermatologicznej Akademii Medycznej w Warszawie  
(Kierownik: prof. dr. S.Jablonska).

CHORZELSKI, Tadeusz; LANGNER, Andrzej; ELASZCZYK, Maria

Effect of nivaquine on the appearance of LE cells in vitro.  
Przegl. dermat. 51 no.6:621-626 N-D '64

1. Z Kliniki Dermatologicznej Akademii Medycznej w Warszawie  
(Kierownik: prof. dr. S. Jablonska).

CHORZELSKI, Tadeusz; BLASZCZYK, Maria; LANGNER, Andrzej

Effect of resochin on the LE cell formation in vitro. Przegl.  
derm. 52 no.2:123-127 Mr-Ap '65

1. Z Kliniki Dermatologicznej Akademii Medycznej w Warszawie  
(Kierownik: prof. dr. S. Jablonska).

PROBOVNÍ, Václav, Ing.; LANGHŠT, Jaroslav, Ing.

Determination of phosphorus thiocchloride in air. Pracovní list. 9. 11. 55-58 Mar 57.

1. Vyzkumný ústav organických syntéz Pardubice-Rybitví, toxikologická sekce.

(AIR POLLUTION, determ.

phosphorus thiocchloride (Cs))

(PHOSPHORUS, determ.

phosphorus thiocchloride in air pollution (Cs))

LANGNER, J.; VLASAK, R.; DRATOCHVIL, V.

Determination of benzidine in the atmosphere. p. 402.

CHEMICKY PRUMYSL. Praha, Czechoslovakia. Vol. 9, no. 8, Aug. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.

Uncl.

LAEGNER, K.K.

Novocain block in lead poisoning. Klin. med. 32 no. 5:82 My '54.  
(MLRA 7:7)

(PROCAINE, therapeutic use,  
\*lead pois.)  
(LEAD POISONING, therapy,  
\*procaine)

LANGNER, Karol

The 603 Z 16-axial type platform car for the transport of heavy industrial installations. Przegl kolej mechan 16 [i.e. 15] no. 7:197-199 J1 '63.

1. Centralny Zarzad Wagonow, Warszawa.

LANGNER, Marian

Solving some complicated problems in chemistry by generalized methods. Uch.zap.MGPI no.225:108-111 '64.

Chemical equivalent and its use in the school course in chemistry. Ibid.:112-116 (MIRA 18:12)

GRABETSKY, A.A. (Moskva); LANGNER, M.F. (Katovitsy); POLOSIN, V.S. (Moskva)

Detecting metals in alloys and minerals by the electrographic  
method. Khim. v shkole 17 no.5:78-83 S-0 '62. (MIRA 15:9)  
(Metals--Analysis) (Electrolysis) (Chemistry--Experiments)

LANGO, III.

2997

548,48.06 : 545.38

Bzinski A, Lango M. New Methods of Quantitative Determination of Cadmium. II. Potentiometric Titration of Cadmium with Standard Lithium Ferrocyanide Solution.

„Nowe metody ilościowego oznaczania kadmu. III. Potencjometryczne miareczkowanie kadmu żelazocyjankiem litowym". Przemysł Chemiczny. No: 3, 1955, pp. 145-147, 3 figs., 2 tabs.

A description of a potentiometric method of determining cadmium ions by titration at room temperature with standard lithium ferrocyanide solution. The method is rapid and accurate, the error in determination not exceeding 0.2%. It is not possible to use the above method in the presence of those cations which, with ferrocyanide, form slightly soluble salts (as zinc, lead, copper) and in the presence of potassium ions, with which cadmium ferrocyanide forms complex compounds of varying composition.

CH ①

MA

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LAN CO, M.

Distr: 4E2c 27

✓ Determination of cadmium. III. Potentiometric titration of cadmium by aid of lithium ferrocyanide. A. Basiński and M. Lango (M. Kopernikus Univ., Toruń, Poland); *Przemysł Chem.* 11(34), 145-7 (1955); cf. C.A. 49, 778a. The titration of  $Cd^{++}$  at room temp. with a 0.2423M  $LiFe(CN)_6$  soln. can be done smoothly at pH 5-7, and any cations will disturb which will form slightly sol. salts with the  $Fe(CN)_6^{4-}$  like Zn, Pb, or Cu. K ions too must be absent. The error is  $\pm 0.6\%$ . Werner Jacobson

*Ja*

BASINSKI, Antoni; LANGO, Mieczyslaw

Potentiometric titration of thorium ions with potassium  
ferrocyanide. Chem anal 4 no.4:691-696 '59. (EEAI 9:6)

1. Zaklad Chemii Fizycznej Uniwersytetu M.Kopernika, Torun.  
(Ions) (Potassium ferrocyanide)  
(Thorium) (Sodium) (Lithium)

MORAVEK, M.; LANGOVA, J.

Effect of delayed acoustic afferentation on the speech of  
stutterers and clutterers. Activ. nerv. sup. 5 no.2:130-133  
My '63.

1. Ústav leteckého zdravotnictví v Praze - Foniatrička laborator  
ORL kliniky fakulty všeobecného lékařství KU v Praze, přednosta  
prof. dr. M. Seeman.

(SPEECH DISORDERS) (STUTTERING)  
(VOICE TRAINING) (HEARING)

G. LANGOS, G. MIHESCU, C. AND C. GEORGHIU

"Recommendations for the Protection of Acorns from Harmful Animals and Cryptogamic Diseases"; a review of an article. p. 357. Revista Padurilor. Bucuresti. Vol. 70, no. 8, Aug. 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 3, March 1956.

BIELEK, Z.; JUHAS, Z.; LANGOS, J.

Peptic ulcer in untreated Addison's disease. Cesk. gastroent. vyz.  
15 no.1:57-60 F '61.

1. Chirurgicke oddeleni Posadkovej nemocnice v Kosiciach, prednosta  
S. Simko Interne oddelenie Posadkovej nemocnice v Kosiciach, prednosta  
J. Matejka.

(ADDISON'S DISEASE complications)  
(PEPTIC ULCER complications)

LANGOS, S.

"Improving the Expert Management of Forests Not Owned by the State." p. 219 (POLANA, Vol. 9, No. 10, Oct. 1953) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

LENGOVA, JAN

Determination of antidiuretic hormone in biological material. Vladimír Pazouký, Vladimír Holeček, and Jana Lengová (Charles Univ., Prague). *Sborník lékařský* 55, 259-63 (1950). The method of Jeffers, et al. (C.A. 36, 4910) applied to hydrated male Wistar rats gave in (1) unilaterally nephrectomized animals and (2) animals with bilaterally denervated kidneys, 75-90% response to 5 micro-units adjuvatin, whereas in unilaterally nephrectomized animals with a contralaterally denervated kidney the differentiating ability was insufficient. Modification 1 results by reducing the vol. of tissue affected by adjuvatin, in an approx. 3-fold increase in sensitivity unparalleled by any other method. Physiol. and clinical applications of the method are suggested.

3

SIROKY, A., MUDr.; LANGOVA, J., MUDr.; KAFKA, H., MUDr.

Functional conditions of acoustic and spatial analysors in essential hypertension. Cas. lek. cesk. 94 no.47-48:1313-1318 25 Nov 55.

1. Z otorhinolaryngologicke katedy, vedouci: akad. A. Precechtel.  
ORL oddeleni Fakultni polikliniky v Praze, pred: doc. MUDr.  
K. Blaha, Interni oddeleni, oddeleni Fakultni polikliniky v  
Praze, pred: prof. MUDr. Fr. Herles.

(HYPERTENSION, physiology,

hearing tests & space perception.)

(HEARING TESTS, in various diseases,  
hypertension.)

(SPACE PERCEPTION, in various diseases,  
hypertension.)

EXCERPTA MEDICA Sec.11 Vol.11/5 Oto-Rhino-Larngo. May 50

LANGOVA, J.

912. DISTURBANCES IN THE DEVELOPMENT OF SPEECH IN CHILDREN IN RELATION TO THE FUNCTION OF THE VESTIBULAR ORGAN AND THE POSITION OF THE FOETUS - Poruchy vývoje dětské řeči ve vztahu k funkci vestibulárního ústrojí a poloze plodu - Langová J. and Široký A. - ČSL OTOLARYNG. 1957, 6/5 (287-295) Graphs 2 Tables 2

The authors examined the vestibular reactions, the general motor response and speech development. They found that there was a mutual relation between these 4 symptoms in 100 children born with irregular presentation of the foetus and in 30 children born with normal presentation of the foetus. (1) In 71% of the children born with irregular presentation of the foetus congenital vestibular disturbances were revealed, while these occurred only in 5% of the children born with normal presentation of the foetus. (2) Out of 71 children with a serious vestibular disturbance 14 suffered also from a disturbance of motor functions and in 27 children there was a disturbance in speech development as well as a motor disturbance. These findings confirm the assumptions of Precechtěl that the position of the foetus is regulated by the vestibular organ, and if this organ is impaired, an irregular position of the foetus results. This confirms also the assumption of Seeman that in cases of constitutional retardation of speech this retardation is associated with a disturbance of the vestibular apparatus and a disturbance of motor activity. Speech retardation is due to a disturbance of the cerebellum, which in the more serious cases is associated with the above-mentioned symptoms, as has been proved histologically by Precechtěl.

LANGOVA, Jirina

Delayed speech in expressive dysphasia. Cesk. otolar 8 no.2:94-98 Apr 59.

1. Otorinolaryngologicka katedra, vedouci akademik A. Precechtel, Fonia-  
trické odd. při ORL odd. fakultní polikliniky, přednosta doc. dr. K.  
Blaha.

(SPEECH DISORDERS,

delayed speech in expressive dysphasia (Cz))

LANGOVA, Jirina; STVERAKOVA, Maria

Hearing disorders after epidemic cerebrospinal meningitis. Cas.lek.  
cesk 99 no.51:1577-1582 16 D '60.

1. Foniaticka laborator fakulty vseobecneho lekarstvi KU, reditel  
prof. Dr. Sc. MUDr. M. Seeman.

(MENINGITIS compl) (DEAFNESS etiol)

BAZANT, B.; LANGOVA, J.; SIROKY, A.

On the problem of congenital muscular torticollis. Acta chir.  
orthop.traum.czech. 28 no.3:207-210 Je '61.

1. Ortopedická klinika DFN, prednosta prof. MUDr. O. Hnevkovsky  
Otorinolaryngologická katedra, vedoucí akademik A. Přezchtl ORL  
oddelení Fakultní polikliniky, prednosta doc. MUDr. K. Blaha.

(TORTICOLLIS genetics)

LANGOVA, J.; NOVAK, A.; SIROKY, A.

On the problem of disorders in the function of the vestibular apparatus and fine motor activity in children with retarded speech development. Cesk. otolaryng. 11 no.1:13-19 F '62.

1. Foniatricks laborator fak. vseob. lek. KU v Praze, prednosta prof. M. Seeman, DrSc. Neurologicka klinika fak. vseob. lek. KU v Praze, prednosta akademik K. Henner.

(VESTIBULAR APPARATUS physiol)  
(SPEECH DISORDERS physiol)

LANGOVA, J.; MORAVEK, M.

Experimental study on stuttering and stammering. Cas. Lek. Cesk. 101  
no.10:297-300 9 Mr '62.

1. Foniatrická laborator LF KU v Praze, přednosta prof. dr. M. Seeman.  
Ústav leteckého zdravotnictví v Praze, přednosta MUDr. J. Dvůrak.

(SPEECH DISORDERS)

CZECHOSLOVAKIA

M. HORAVEK and J. LANGOVA, Institute of Aviation Medicine (Ustav leteckeho zdravotnictvi) and Phoniatric Laboratory of ENT Clinic of Faculty of General Medicine (Foniatricka laborator ORL kliniky) of Charles University (Karlova University), Prague.

"Effect of Delayed Auditory Feedback on Stuttering and Stammering."

Prague, Activitas Nervosa Superior, Vol 5, No 2, May 63; pp 130-133.

Abstract [English summary modified]: Study in 41 persons suffering with stuttering, stammering or both: read standard text with and without delayed auditory feedback. Latter facilitated speech in stutterers (reduce time from 100 to 85 or 90 for reading through standard text aloud) but aggravated it in stammerers (100 to 200 or 250). Mixed dysfunctions responded according to predominance of either defect. Four Czech and 5 Western references.

1/1

LANGOVA, J. ; NOVAK, A.; SIROKY, A.

Vestibular findings and disorders in fine motor functions in children with delayed speech. Cesk. pediat. 19 no.7:599-601 J1'64

1. Foniatrickska laborator fakulty vseobecneho lekarstvi KU [Karlovy University] v Praze (vedouci: prof. dr. M. Seeman, DrSc.) a Neurologicka klinika fakulty vseobecneho lekarstvi KU [Karlovy University] v Praze, (Prednosta: akademik K. Henner.)

KREJENOVÁ, J.; SKALICKOVÁ, O.; LANGOVÁ, J.; REISEHAUER, R.

A contribution to the study of endemic goiter. I. A comparative study of the psychology of persons from 2 regions with endemic goiter in Bohemia. Cas. lek. česk. 104 no.12:315-323 26 Mr'65.

1. Vyzkumny ustav endokrinologicky v Praze (reditel: doc. dr. K. Silink, DrSc.); Psychiatricka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: prof. dr. V. Vondracek, DrSc.) a Foniaticke oddeleni fakultni nemocnice v Praze (vedouci: prof. dr. M. Seeman, DrSc.).

CZECHOSLOVAKIA UDC 616.007.18-036.21:616.28-008.14-072.7-039.5

KREMENOVA, J.; BLAHA, K.; LANGOVA, J.; Research Institute of Endocrinology (Vyzkumny Ustav Endokrinologicky), Prague, Chief (Prednosta) Docent Dr K. SILINK; Otolaryngological Department, Faculty Polyclinic (Otolaryngologicke Odd. Fak. Polikliniky), Prague, Head (Vedouci) Docent Dr K. ZEMAN; Phoniatic Clinic (Foniaticka Klinika), Prague, Chief (Prednosta) Prof Dr M. SEEMAN.

"Contribution to the Study of Endemic Degeneration. V."

Prague, Casopis Lekarů Ceských, Vol 106, No 9, 3 Mar 67, pp 239 - 243

Abstract [Authors' English summary modified\_7: 3 siblings in the area of Sedlcany with congenital perceptive hearing disorders and impaired intelligence were examined. The parents showed signs of severe thyreopathy; clinical signs of degeneration were not observed in the children; neither was Pendred's syndrome. 11 Figures, 2 Western, 5 Czech references. (Manuscript received Mar 66).  
1/1

MICHALOWSKI, Wladyslaw; LANGOWSKI, Edward

A case of Brill-Symmers disease. Pol. tyg. lek. 19 no.36:  
1374-1375 7 S '64.

1. Z Oddzialu Wewnetrznego Szpitala PKP w Olsztynie (ordynator:  
dr med. Stanislaw Flis).

MECHALOWSKI, Władysław; LANGOWSKI, Edward

Primary carcinoma of the pancreatic tail in a 19-year-old woman. Pol. tyg. lek. 20 no.17:612-613 26 Apr '65.

1. Ze Szpitala Polskich Kolei Państwowych w Olsztynie  
(Dyrektor i Ordynator: dr. med. Stanisław Flis).

VANICKOVA, Vera; MANDULKOVA, Milana; LANGROVA, Marketa; CEJNAROVA, Ada, inz.

Foreign standard. Normalizace 12 no.2: 51-60 F'64

*LANGOVA, SYLVIE*

STRAUSS, Juraj; SERY, Vladimir; IZBICKY, Alexej; LANGOVA, Sylvie

Epidemiological and serological research on the natural focus  
of tick-borne encephalitis in Czechoslovakia; Cas. lek. cesk.  
96 no.8:235-240 22 Feb 57.

1. Ustav epidemiologie a mikrobiologie v Praze, red.: prof.  
MUDr. K. Raska. Krajska hygienicko-epidemiologicke stanice  
KNV Praha, red.: MUDr. L. Hofta. J. S., Praha 12, Srobarova 48.  
(ENCEPHALITIS, EPIDEMIC, epidemiol.  
in Czech., epidemiol. & serol. research (Cz))

LANGOVOY, N.I., red.; VLASOV, V.A., red.; BLINDER, D.I., red.

[Textbook on children's diseases for students in medical  
schools] Uchebnik detskikh boleznei dlia studentov lechfaka.  
Sverdlovsk, Medgiz, 1945. 616 p. (MIRA 13:8)  
(CHILDREN--DISEASES)

KOLTYPIN, Aleksandr Alekseyevich, prof.; LANGOVOY, Nikolay Ivanovich, prof.;  
VLASOV, Viktor Alekseyevich, prof.; red.; YEGOROVA, N.S., red.;  
BHL'CHIKOVA, Yu.S., tekhn. red.

[Children's diseases] Detskie bolezni. Pod red. V.A. Vlasova. Izd.9.  
Moskva, Gos. izd-vo med. lit-ry, 1956. 498 p. (MIRA 11:7)  
(PEDIATRICS)

KOLTYPIN, Aleksandr Aleksayevich; LANGOVOY, N.I.; VLASOV, V.A., red.

[Children's diseases] Detskie bolezni. Pod red. V.A. Vlasova.  
10 izd. Moskva, Medgiz, 1957. 518 p. (MIRA 12:1)  
(CHILDREN--DISEASES)

AFANAS'YEV, A.V.; BLOSHTEYN, F.I.; Prinimali uchastiye: LANGOVAYA, N.Kh.;  
MELAMUD, M.L.

Use of molybdate chrome orange for leather finishing. Lakokras.-  
mat.i ikh prim. no.6:73-74 '62. (MIRA 16:1)

1. Proyektno-konstruktorskoya i tekhnologicheskoye byuro  
Upravleniya kozhevenno-obuvnoy i mekhovoy promyshlennosti  
Leningradskogo soveta narodnogo khozyaystva.  
(Dyes and dyeing--Leather)

LANGOWOJ, Jerzy  
SURNAME, Given Names

(1)

Country: Poland

Academic Degrees: Lekarz

Military rank: Captain7

Affiliation: Internal Disease Section (Oddzial Chorob Wewnetrznych), Second  
Central Clinical Hospital (2 Centralny Szpital Kliniczny),  
Military School of Medicine (WAM--Wojskowa Akademia Medyczna),  
Source: Warsaw.

Source: Warsaw, Lekarz Wojskowy, Vol 36, No 5, 1961, pp. 463-471.

Data: "Urea and Its Significance in Diagnosing Renal Disorders."

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GPO 981643

LANGOWSKA, KRYSZYNA.  
LANGOWSKA, Krystyna

Chromatographic separation of hydrolysate of ACTH on cellulose column. Acta physiol. polon. 5 no.4:574-575 1954.

1. Z Zakladu Chemii Fizjologicznej Akademii Medycznej we Wroclawiu.  
Kierownik: prof. dr T. Baranowski.

(ACTH, determination,  
chromatography of ACTH hydrolysate on cellulose column)  
(CHROMATOGRAPHY,  
of ACTH hydrolysates, on cellulose column)

LANGOWSKA, Krystyna; ROTH, Zofia

Muramic acid. Postepy biochem. 8 no.1:109-118 '62.

(AMINO SUGARS metab)

LANGOWSKA, Krystyna, mgr., st. asystent; ROTH, Zofia, mgr, st.  
asystent

Biosynthesis of glucosamine. Pt. 1. Wiad chem 17 no. 7:  
411-426 J1 '63.

1. Zaklad Chemii Fizjologicznej, Akademia Medyczna, Poznan.

LANGOWSKA, Krystyna

POLAND

LANGOWSKA, Krystyna, mgr., st. asystent; ROTH, Zofia, mgr,  
st. asystent

Department of Physiological Chemistry of the Poznan  
Medical Academy (Zaklad Chemii Fizjologicznej Akademii  
Medycznej w Poznaniu)

Wroclaw, Wiedomosci chemiczne, No 8, August 65, pp  
471-75.

"Isotopic Investigations on the Biosynthesis of Gluco-  
samine. II".

LANGOWSKI, Jan (Torun)

Prefabricated construction of the main building of the ~~S~~ombed Wool  
Mill in Torun. Przegl budowl i bud mieszk 36 no.3:127-134 Mr '64.

LANGR, J.

Measuring high-altitude winds with a theodolite. p. 184. (Kridla Vlasti,  
No. 6, Mar 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957, Uncl.

LANGR, Miroslav

Agricultural aircraft Z-37 is already in operation. Letecky  
obzor 7 no.9:262-263 S'63.

GRONWALDT, K., inz., arch.; LANGR, V., inz., arch.

Solution of typification plans for basic public buildings in urban and rural areas. Poz stavby 11 no.2:57-61 '63.

1. Studijní a typizační ústav, Praha.

P.T.A.

Langrod  
11

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625 036 14

Langrod A., Prof. Dr. Eng. The European and American Methods of Equilibrium of Mass in Engines.

„Europejski i amerykański sposób równoważenia mas w parowozach”. Przegląd Kolejowy. No. 8, 1949, pp. 249-251, 2 figs.

The static and dynamic methods of equilibrium of mass. Forces acting detrimentally on the track at high speeds under each of the two methods of equilibrium of mass. Free centrifugal force and permissible increase of the pressure of wheels on the metals under the influence of this force.

LANGROD, A.

Langrod A., Prof. Dr.

Langrod A., Prof. Dr. Eng. "On the Strength Criteria." (O kryteriach wytrzymałościowych). Przegląd Mechaniczny, No. 1-3, 1950, pp. 13-18. 2 figs.

Technical and natural strength criteria. Strength hypotheses: the hypothesis of tangential strain and the hypothesis of the work done for plastic deformation. The difference in character in relation to the physical hypotheses. Technical calculation based on the rule applicable to various materials and loads. The necessity of investigations to explain cohesion of materials.

SO: Polish Technical Abstracts - No. 2, 1951

LANGROD, A.

2

401. Langrod, A. Theory of flanges of the wheels of railway vehicles (in Polish), *Arch. Mech.*, vol. 3, 3-4, 461-482, 1951. Author characterizes two different groups of wheels of railway vehicles with regard to the profile of their flanges. In case of a lateral pressure on the rail, the wheels with flanges of the first group climb on the rail and are supported only at one point of contact of the flange with the rail. In similar circumstances, the

wheels with flanges of the second group have two points of support on the rail, one of them lying on the flange of the wheel, the other on its tread (rolling surface). At the varying positions of the wheel relative to the rail, the conditions can arise that the wheel may be derailed. The author explains these conditions from the geometrical point of view in relation to both types of flange profile. He notes that, from the point of view of statics, the question is not yet sufficiently examined. The fundamental difference in the behavior of the two types of flanges results in different conditions of wearing, both of flanges and rails. This question can be explained by experiments on the basis of the theory presented.  
B. Skawinski, Poland

1  
yep

LANGROD, ADOLF

Langrod, Adolf. Podstawy kolejowej trakcji parowej, elektrycznej i spalinowej.  
[Wyd. 1.] Warszawa, Wydawn. Komunikacyjne, 1953. 204p. [Principles of  
steam, electric, and gasoline railroad traction. illus.]

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Uncl.

LANGROD, A.

2848

621.137

Langrod A. Should a Throttle Be Employed?

"Czy należy dławić parę przepustnicą". Przegląd Kolejowy. No. 12, 1953, pp. 484-487, 3 figs.

This article deals with the problem of proper servicing of locomotives during operation, and explains certain phenomena which appear during the flow of steam from the boiler to the cylinders. Conditions are given in which a throttle can and should be introduced.

LANGROD A.

3491

621.131.001.13

\* Langrod A. Theory and Practice of Designing Locomotives.  
"Teoria i projektowanie parowozów". Warszawa, 1954, Wyd. Ko-  
munk., 16°, 338 pp., 284 figs., 32 tabs. MN

This book contains indispensable indications and guiding principles for locomotive designers, and for supervising and examining the finished designs. There are also a number of remarks and recommendations concerning engine operation, interesting not only for the engine builder, but also to the operator. Problems involved in steam distribution are discussed on a broad basis, together with the balancing of reversible and ro-

tating masses, conducting forces, the general outline (gabarille) of the engine in relation to the margin of the constructions adjacent to the track and to behaviour on curves.

LANGROD, A.

W108

025.22/24

• Langrod A. Fundamentals of Railway Car Construction.

„Podstawy konstrukcji wagonów”, Warszawa, 1955, Wyd. Komunik.,  
108, 171 pp., 143 figs., 15 tabs.

Deals only with parts common to the undercarriages of all railway  
cars, submitting calculations necessary for constructing such elements.  
The construction and exploitation of railway cars, how they fit into  
profiles, run on curves, etc.

*mech*

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LANGROD, A:

Some present problems concerning brakes. p. 251

PRZEGLAD KOLEJOWY

Warszawa

Vol. 7, no. 7, July 1955

SOURCE: East European Accessions List (EEAL) LC, Vol. 5, no. 3, March 1956

LANGROD, A.

Critical survey of ways of computing driving axles of locomotives. p. 174. PRZEGLAD KOLEJOWY, Warszawa. Vol. 8, no. 5, May 1956.

SOURCE:

East European Accession List (EEAL) Library of Congress  
Vol. 5, no. 8, August 1956.

LANGHOD, A.

The essence of railroad train mechanics. p. 321.

PRZEGLAD KOLEJOWY MECHANICZNY. (Panstwowe Wydawnictwa Komunikacyjne)  
Warszawa, Poland, Vol. 11, No. 11, Nov. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1959.  
Uncla.

VANICKOVA, Vera; MANDELIKOVA, Milena; LANGROVA, Marketa

Foreign standards. Normalizace 11 no.2:62-72 F '63.

VANICKOVA, Vera; MANDELIKOVA, Milena; LANGROVA, Marketa; CEJNAROVA,  
Ada, inz.

Foreign standards. Normalizace 11 no.11:361-376 N°63

VANICKOVA, Vera; MANDELIKOVA, Milena; LANGROVA, Marketa; CEJNAROVA, Ada, inz.

Foreign standards. Normalizace 11 no.10:333-339 0 '63.

VANICKOVA, Vera; LANGROVA, Marketa; CEJNAROVA, Ada, inz.;  
MANDELIKOVA, Milena

Foreign standards. Normalizace 11 no.7:232-236 J1 '63.

VANICKOVA, Vera; MANDELIKOVA, Milena; LANGROVA, Marketa;  
CEJNAROVA, Ada, inz.

Foreign standards received by the Office of Standardization  
and Measurement in August and September 1963. Normalizace  
12 no. 4: 102-120 Ap '64.

VANICKOVA, Vera; HENDSELIKOVA, Milena; LADIGROV, Marketa; CECILIANOVA, Ada, ind.

Foreign standards. Normalized 12 no. 30:298-301 0 161.

MARATKA, Z.; LANGROVA, V.; BEDNAR, B.

Intestinal amebiasis; diagnostic significance of biopsy and therapeutic results with paromomycin. Cesk. gastroent. vyz. 15 no.1:54-56 F '61.

1. I patologicko-anatomicky ustav University Karlovy II vnitřni oddeleni nemocnice Bulovky Praha 8.  
(DYSENTERY AMEBIC therapy) (ANTIBIOTICS therapy)

KRICHEVSKIY, Vladimir Davydovich; LANGSEPP, O.V., red.

[Metal coating and repair work] Metallizatsiia i remontnye raboty. Tallinn, Gos.kom-t Soveta Ministrov Estonskoi SSR po koordinatsii nauchno-issl. rabot, 1964. 74 p.  
(MIRA 18:10)

LANGSHEYN, M.

Planning currency circulation according to the production principle. Den. i kred. 21 no.11:20-24 N '63.

(MIRA 17:2)

1. Nachal'nik otдела denezhnogo obrashcheniya Stavropol'skoy krayevoy kontory Gosbanka.

LANGTHALER, Jiri

CZECHOSLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry. G

Abs Jour: Ref. Zhur-Khimiya, No 19, 1958, 64377.

Author : Lukes Rudolf, Langthaler Jiri.

Inst :

Title : Splitting of Branched, Optically-Active Tertiary Bases.

Orig Pub: Chem. listy, 1957, 51, No 10, 1896-1894.

Abstract: Upon the splitting of the hydroxide of (-)-trimethyl-2,3-dimethylamyl-2-ammonia, there is produced a mixture of (+)-2,3-dimethyl-pentane (I), produced by the hydrogenation of the mixed alkenes. The dehydration of (-)-2,3-dimethylpentanol-2 (II) by heating with (COOH)<sub>2</sub> similarly gives a mixture in the ratio of 3 : 1 of (-)-3-methyl-4-ethyl-4-dimethylaminohexane (III), which splits in the presence of CH<sub>3</sub>I into (+)-3-ethyl-4-methylhexane-2 and (+)-3-ethyl-4-methylhexene-3 in the

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CZECHOSLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry. G

Abs Jour: Ref. Zhur-Khimiya, No 19, 1958, 64377.

ratio of 1:1. The relation of the components is similarly determined by the activity of the hydrogenated mixture. (+)-methylethyloxalic acid (IV), b.p. 173-176°,  $d_4^{20}$  0.938,  $[X]_D^{20} + 19.76$ , is obtained by the oxidation of (-)-2-methylbutanol (in KMnO<sub>4</sub> solution), which is converted (SOCl<sub>2</sub>) into the hydrochloride, yield 73%, b.p. 114-115°,  $d_4^{20}$  0.996,  $[X]_D^{20} + 13.78$ . This last, with an aqueous solution of (CH<sub>3</sub>)<sub>2</sub>NH, gives upon cooling the dimethylamide of (IV), yield 75%, b.p. 85-87°/23mm  $n_D^{20}$  1.4421,  $d_4^{20}$  .9014  $[X]_D^{20} + 29.13$ . Similarly derived are the products of splitting dimethylamide, b.p. 76-77°/12mm,  $n_D^{20}$  1.4418.

The action of C<sub>2</sub>H<sub>5</sub>MgBr on the dimethylamide of (IV) in C<sub>6</sub>H<sub>6</sub> (6 hours, boiling) gives (III), yield 53%, b.p.

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CZECHOSLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry. G

Abs Jour: Ref. Zhur-Khimiya, No 19, 1958, 64377.

83-84°/11 mm,  $n_D^{20}$  1.4547,  $d_4^{20}$  0.8607,  $[\alpha]_D^{20}$  -7.80°, along with 3-methylhexanone-4, split base, b.p. 86-88°/13 mm,  $n_D^{20}$  1.4543; the picrate, optically active, m.p. 148° (in water), products of splitting, m.p. 148°. By putting (III) together for 7 days with  $\text{CH}_3\text{I}$ , an equimolar mixture of  $(\text{CH}_3)_4\text{NI}$  and (III).HI, is produced, distillation of the filtrate gives a mixture of 3-ethyl-4-methyl-hexenone, b.p. 131-134°,  $[\alpha]_D^{20}$  + 10.21°.

Hydrogenating the optically-active olefins in glacial  $\text{CH}_3\text{COOH}$  over Pt gives (+)-3-methyl-4-ethyl-hexane, b.p. 134°,  $n_D^{20}$  1.4132,  $d_4^{20}$  0.7380,  $[\alpha]_D^{20}$  + 6.5°. Similarly, (III), out of  $\text{CH}_3\text{MgBr}$  and (IV), gives (-)-2,3-dimethyl-2-dimethylaminopentane (V), b.p. 160-162°,  $n_D^{20}$  1.4360,  $d_4^{20}$  0.8399,  $[\alpha]_D^{20}$  -11.48°; split base,

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000928520016-8"

CZECHOSLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry. G

Abs Jour: Ref. Zhur-Khimiya, No 19, 1958, 64377.

b.p. 161-162°,  $n_D^{20}$  1.4359, optically-active picrate, m.p. 184°, products of splitting, m.p. 182-183° (in water). Upon the action of  $\text{CH}_3\text{I}$  on (V) during a week, there is produced iodomethylate (+)-2,3-dimethyl-2-dimethylaminopentane, m.p. > 200°. This last, upon treatment with  $\text{Ag}_2\text{O}$  in water, and distilling the filtrate, gives a mixture of 2,3-dimethylpentene, b.p. 84-92°,  $[\alpha]_D^{20}$  + 8.14°. Hydrogenating the mixture gives (+)-(I), b.p. 88°,  $n_D^{20}$  1.3916,  $d_4^{20}$  0.700,  $[\alpha]_D^{20}$  + 7.60. In methyl ether, (+)-methyl ethyloxalic acid (b.p. 109-112°,  $d_4^{20}$  0.884,  $[\alpha]_D^{20}$  + 22.55°) and  $\text{CH}_3\text{MgBr}$  give (II), yield 58%, b.p. 137-139°,  $n_D^{20}$  1.4251,  $d_4^{20}$  0.8360,  $[\alpha]_D^{20}$  -26.63°.

Card : 4/4

LANGTHALER, J.

9

Symmetric derivatives of bicyclo[2.2.2]octane. R. Lukes and J. Langthaler (Vysoká škola chem. technol., Prague). *Collection Czechoslov. Chem. Commun.* 24, 2109-13 (1959) (in German).—Adding 10 g. freshly fused and finely pulverized  $\text{ZnCl}_2$  and 5 g.  $\text{Na}_2\text{SO}_4$  to a satd. soln. of 11 g. di-Et 2,5-dioxobicyclo[2.2.2]octane-1,4-dicarboxylate (I) in dioxane and 10 ml.  $(\text{CH}_3\text{SH})_2$ , keeping the mixt. 6 weeks at room temp., adding with agitation 70 ml.  $\text{H}_2\text{O}$  and 70 ml.  $\text{C}_6\text{H}_6$ , sepg. and evapg. the  $\text{C}_6\text{H}_6$  layer, dissolving the residue in 20 ml.  $\text{EtOH}$ , cooling to  $0^\circ$ , and pptg. with petr. ether gave 10.7 g. I bis-(dimethylene)mercaptol (II), m.  $92^\circ$  ( $\text{EtOH}$ ); better yields were obtained by the method of Roberts, *et al.* (cf. C.A. 48, 576g). Desulfurization of II according to Roberts gave 83% bicyclo[2.2.2]octane-1,4-dicarboxylic acid (III) di-Et ester, b.p.  $158^\circ$ , m.  $30^\circ$ ; heating 4 hrs. 1 part of this ester with 6 parts aq.  $\text{HCl}$  and 10 parts  $\text{AcOH}$  gave 86% III, m.  $385^\circ$  ( $\text{AcOH}$ ). III was also obtained by the Clemmensen reduction of I (cf. Gulha, C.A. 33, 7739<sup>g</sup>). Adding dropwise and with agitation 2 ml.  $\text{Br}$  in 10 ml.  $\text{CCl}_4$  to a suspension of 6 g. dry III *Ag salt* in 40 ml.  $\text{CCl}_4$ , boiling the mixt. briefly, sepg. the ppt. and washing with  $\text{Et}_2\text{O}$ , combining the filtrates, washing with aq.  $\text{NaHSO}_3$ , dild.  $\text{NaOH}$ , and  $\text{H}_2\text{O}$ , drying with  $\text{Na}_2\text{SO}_4$ , evapg., and subliming the residue at  $150^\circ/10$  mm. gave a halide, m. constantly  $235-40^\circ$  ( $\text{MeOH}$ ), analyz.  $\text{C } 41.2$ ,  $\text{H } 5.0$ ,  $\text{Br } 39.9$ , and  $\text{Cl } 10.7\%$ , and belonging to the tetragonal system (crystallographic and optical data given). Boiling 9 hrs. 20 g. III and 100 ml.  $\text{SOCl}_2$ , evapg. excess  $\text{SOCl}_2$  *in vacuo*, and distg. gave 87% III

dichloride (IV), b.p.  $142-4^\circ$ . Refluxing 7 g. IV 2 hrs. with 35 ml. 25% aq.  $\text{NH}_3$  gave 85% 1,4-dicarboxamidobicyclo[2.2.2]octane (V), m.  $322^\circ$  (decompn.) (pyridine). Heating over a direct flame in a sublimation app. and under reduced pressure of a water pump 150 mg. V and excess  $\text{P}_2\text{O}_5$  gave 82% 1,4-dicyanobicyclo[2.2.2]octane, m.  $180^\circ$  ( $\text{MeOH}$ ). Adding in 30 min. with agitation 12 g. IV in 120 ml.  $\text{Et}_2\text{O}$  into a boiling  $\text{MeMgI}$  soln. (prepd. from 8.3 g.  $\text{Mg}$ , 180 ml.  $\text{Et}_2\text{O}$ , and 50 g.  $\text{MeI}$ ), boiling the mixt. 2.5 hrs., keeping

overnight, decompg. with dild.  $\text{H}_2\text{SO}_4$ , extg. with  $\text{Et}_2\text{O}$ , drying with  $\text{K}_2\text{CO}_3$ , and evapg. gave 6 g. 1,4-bis( $\alpha$ -methyl- $\alpha$ -hydroxyethyl)bicyclo[2.2.2]octane (VI) hemihydrate, m.  $118.5^\circ$  ( $\text{Et}_2\text{O}$ , aq.  $\text{EtOH}$ , and  $\text{C}_6\text{H}_6$ -petr. ether); sublimation of this product or drying *in vacuo* caused a partial dehydration. VI was also prepd. from III di-Et ester (yield 69%). Adding in one portion 50 g.  $\text{AcBr}$  to 6 g. VI (vigorous reaction), heating 30 min. to  $80^\circ$ , and cooling gave 5 g. 1,4-bis( $\alpha$ -methyl- $\alpha$ -bromethyl)bicyclo[2.2.2]octane (VII), m.  $167^\circ$  ( $\text{Et}_2\text{O}$ ); the same product was obtained on heating 2 hrs. 0.5 g. VI and 2.5 g.  $\text{P}_2\text{O}_5$  at  $125-130^\circ$ , extg. with  $\text{Et}_2\text{O}$  and crystg. from  $\text{Et}_2\text{O}$ . Adding quickly 2 g. VII in 150 ml.  $\text{Et}_2\text{O}$  into a boiling  $\text{MeMgI}$  soln. (prepd. from 3.1 g.  $\text{Mg}$ , 18 g.  $\text{MgI}$ , and 70 ml.  $\text{Et}_2\text{O}$ ), boiling 8 hrs., decompg. with  $\text{H}_2\text{O}$  and dild.  $\text{H}_2\text{SO}_4$ , sepg. the  $\text{Et}_2\text{O}$  layer, drying with  $\text{K}_2\text{CO}_3$ , evapg. the  $\text{Et}_2\text{O}$  through a Widmer column, washing the residue with  $\text{MeOH}$ , and subliming repeatedly gave 0.3 g. 1,4-di-*tert*-butylbicyclo[2.2.2]octane, m.  $160^\circ$  (petr. ether).

Jiri Pliml

LANGTHALER, J.

V Cleavage of branched tertiary bases. II. Cleavage of some tertiary bases with methyl iodide. J. R. Lukes, J. Langthaler, and I. Cervená (Vysoká škola chem. technol., Prague). Collection Czechoslov. Chem. Commun. 25, 461-4 (1960) (in German); cf. C.A. 53, 6089d.—Cleavage of aliphatic tertiary bases with MeI to yield olefins occurs in compds. having on the  $\alpha$ -C atom at least 1 Me and 1 Et group, while on the  $\beta$ -C atom a min. branching of the C-skeleton is sufficient. Replacing the Et<sub>2</sub>O in 3 moles MeMgBr or EtMgBr with C<sub>2</sub>H<sub>5</sub>, adding to the boiling soln. dropwise in 15-20 min. 1 mole of a dimethyl amide dild. with an equal amt. of C<sub>2</sub>H<sub>5</sub>, and working up the mixt. as usual gives R<sup>1</sup>R<sup>2</sup>R<sup>3</sup>CCR<sub>2</sub>NMe<sub>2</sub> (R, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, b.p., m.p., and m.p. of picrate given): Me, Me, Me, Me (I), 160-2°, 12°, 205-6°; Et, H, H, Me (II), 68-9°/18, —, 200-7°; Et, H, Me, Me (III), 63.5-5.0°/12, —, 192-3°; Et, Me, Me, Me (IV), 75.5-8.0°/12, 35°, 163°; Me, H, Et, Et (V), 69-70°/13, —, 171°; Et, H, Et, Et (VI), 105°/12, —, 131°. Me<sub>2</sub>CHCMeEtNMe<sub>2</sub> (VII) is obtained similarly in 25% yield from 172 g. MeI, 20 g. Mg, 300 ml. Et<sub>2</sub>O-C<sub>2</sub>H<sub>5</sub>, and Me<sub>2</sub>CHCONMe<sub>2</sub> with 57.1 g. MeI in 90 ml. C<sub>2</sub>H<sub>5</sub>, and the reaction completed by refluxing the mixt. 4.5 hrs. with stirring to give base, b. 163-5°; picrate m. 212° (decompn.) (H<sub>2</sub>O). Et<sub>2</sub>CHCONMe<sub>2</sub> is obtained in 45.6% yield from 90 g. aq. NHMe<sub>2</sub> and 51.3 g. Et<sub>2</sub>CHAc, b. 87-8°. III (20 g.) let stand 7 days with 25 ml. MeI, the salts filtered off, from the filtrate distd. the Et<sub>2</sub>O and MeI, and the residue distd. 3 times over Na gives 3.8 g. mixt. of isomeric olefins, b. 105-14°. Similar treatment of II with a 3-mole excess of MeI followed by liberation of the bases with a double equiv. of aq. suspension of Ag<sub>2</sub>O and subsequent distn. at bath temp. 160-80° gives Et<sub>2</sub>C:CHMe as an individual product, whereas I, V, and VII yield in each case a mixt. of olefins. IV and VI are not subjected to the reaction with MeI.

L. J. Urbánek

LANGUROV, I.Z.; BIKCHENTAY, M.A., inzhener, redaktor.

[Methods of getting increased service from railroad tank cars]  
Puti uskoreniia oborota tsistern. Moskva, Gos. transp.zhel-dor.  
izd-vo, 1953. 151 p. (MLRA 7:2)  
(Tank cars)

LANGUROV, I. Z.

LANGUROV, I. Z. — "Problems of Accelerating the Turnaround of Tank Cars."  
Min Railways USSR. Moscow Order of Lenin and Order of Labor Red  
Banner Inst of Railroad Transport Engineers imeni I. V. Stalin.  
Moscow, 1955. (Dissertation for the Degree of Candidate in Technical  
Sciences)

No 1

SO: Knizhnaya Letopis', 1956, pp 102-122, 124

LANGUROV, I.Z., kand. tekhn.nauk; ZAVADSKIY, K.I., inzh.; GALLE,  
A.G., inzh., retsenzent; KRICH, B.V., inzh., retsenzent;  
PANKOV, A.M., inzh., retsenzent; SHISHLYKOV, Ye.S., inzh.,  
red.; USENKO, L.A., tekhn. red.

[Organization of the transportation of bulk liquid cargo]  
Organizatsiia perevozok nalivnykh грузов. Moskva, Transzhe-  
dorizdat, 1963. 269 p. (MIRA 16:4)  
(Tank cars) (Railroads--Freight)

LANGUYEV, P.I.; ZABIROV, A.G.

Disjunctive dislocation in the region of the Nurlat oil field in  
the Tatar A.S.S.R. Neftegaz. geol. i geofiz. no.9:23-25 '64.  
(MIRA 17:11)

1. Kazanskaya geologicheskaya ekspeditsiya Gosudarstvennogo  
geologo-razvedochnogo tresta neftyanoy i gazovoy promyshlennosti  
Tatarskoy ASSR.

21404-66 ET(m)/EPP(j)/T/ETC(m)-6 VM/RM  
 ACC NR: AP6010115 (A) SOURCE CODE: UR/0190/66/008/003/0499/0502

AUTHOR: Okladnikova, Z. A.; Komarov, N. V.; Semenova, Ye. F.; Serebrennikova, E. V.;  
 Semenova, N. V.; Langvagen, G. G.

ORG: Irkutsk Institute of Organic Chemistry (Irkutskiy institut organicheskoy  
 khimii)

TITLE: Copolymerization of vinyl 3-trimethylsilylpropionate with vinylic monomers  
 1.14.55

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no. 3, 1966, 499-502

TOPIC TAGS: copolymerization, copolymer, silicon polymer

ABSTRACT: The authors investigated the ability of vinyl 3-trimethylsilylpropionate to copolymerize with vinyl acetate, methyl acrylate, methyl methacrylate, acrylonitrile, and styrene in the presence of azoisobutyronitrile. It was found that vinyl 3-trimethylsilylpropionate can copolymerize with all the above monomers, with the exception of styrene. When the content of vinyl 3-trimethylsilylpropionate in the starting mixture is increased, the yields and molecular weights of the copolymers are decreased. It was shown that, unlike the homopolymers, the copolymers are more easily soluble in organic solvents and have lower melting points. The relative thermal stability of the copolymerization products with vinyl acetate and methyl methacrylate is higher than that of poly(vinyl acetate) and poly(methyl methacrylate). [VS]

Orig. art. has: 1 table.

SUB CODE: 11/ SUBM DATE: 07Apr65/ ORIG REF: 002/ OTH REF: 002/ ATD PRESS: 4221

Card 1/1 UDC: 66.095.26+678.13+678.745

LANGWINSKI, Romuald

Some pharmacodynamic properties of  $\alpha$ -styrylo- $\beta$ -propylo-pyridinium iodide and  $\gamma$ -styrylo-propylo-pyridinium iodide. Ann. univ. Lublin sec. D 15:447-454 '60.

1. Z Zakladu Farmakodynamiki Wydzialu Farmaceutycznego Akademii Medycznej w Lublinie Kierownik: doc. dr med., dr farm. Jozef Jeske.  
(PYRIDINES pharmacol)

RADOMANSKI, Tadeusz; LANGWINSKI, Romuald; SZURSKA, Halina; ZEBROWSKA, Iwona;  
SZURSKA, Grazyna; WNUK, Urszula; LASTOWSKI, Zbigniew

Studies on the properties of glycerol diguaiacol ether. Ann. Univ.,  
Lublin sect.D 16:215-228 '61.

1. Z Katedry i Zakladu Farmakologii Doswiadczalnej Wydzialu Lekarskiego  
Akademii Medycznej w Lublinie Kierownik: prof. dr med. i dr farm.  
Jozef Jeske.

(GUAIACOL GLYCERYL ETHER) (CENTRAL NERVOUS SYSTEM)

JESKE, Jozef; LOGGON, J., Ronald; PRZESADINSKI, Edmund

Effect of narcosis on the analgesic activity of morphine. Acta  
Pol. pharm. 21 n. 3:193-202 '64.

1. Z Zakladu Farmakodynamiki Akademii Medycznej w Lublinie  
(Kierownik: prof. dr. J. Jeske).

ERDEY-GRUZ, Tibor, akadémikus (Budapest); CHOLNOKY, László; SZABO, Zoltan;  
SZEKER, Gyula, kandidatus; FOLDI, Zoltan; LANGYEL, Sándor, a tudományok  
doktora; TAKACS, Pál, kandidatus

An account of the 1960 work of the Section of Chemical Sciences,  
Hungarian Academy of Sciences. Kem tud kozl MTA 15 no.4:401-460 '61.

1. Osztálytitkar, Magyar Tudományos Akadémia Kémiai Tudományok Osztálya,  
Budapest és Szerkesztő, Magyar Tudományos Akadémia Kémiai Tudományok  
Osztályának Közleményei (for Erdy-Gruz) 2. Lev. tag, Magyar Tudományos  
Akadémia Kémiai Tudományok Osztályának Közleményei (for Chólnoky, Szabo,  
Foldi) 3. Szerkesztőbizottsági tag, Magyar Tudományos Akadémia Kémiai  
Tudományok Osztályának Közleményei (for Lengyel)

(Hungarian Academy of Sciences) (Hungary—Chemistry)

S/081/62/000/022/069/088  
B166/B144

AUTHORS: Láníček, Dušan, Škrabal, Bernard, Dvořák, Emil

TITLE: Emulsion polymerization of vinyl monomers and mixtures of these in an acid medium

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1962, 519, abstract 22P290 (Czech. patent 97902, Jan. 15, 1961)

TEXT: Emulsion polymerization of butadiene, styrene, acrylonitrile, mixtures of these, or these monomers together with methacrylic acid, is carried out between  $-5$  and  $+15^{\circ}\text{C}$  (preferably  $+5^{\circ}\text{C}$ ) in the presence of a cation-active emulsifier or inorganic acid, organic acid (or a mixture of these) and suitable buffers. The redox initiator system consists of isopropyl benzene hydroperoxide, sodium formaldehyde sulfoxylate (Rongalite C) and soluble  $\text{Fe}^{2+}$  salt. Apart from the fact that the initiators are readily available, the advantage of the method lies in a high degree of conversion being achieved in a short time and the consequent possibility of producing concentrated latexes directly in the reactor. Example. 100 parts by weight

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Emulsion polymerization of vinyl ...

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styrene and 1.4 parts by weight methacrylic acid are polymerized at 5°C and pH 4 in the presence of 159 parts by weight water, 3.58 parts by weight sodium diisopropyl naphthalene sulfonate, 0.08 parts by weight sodium formaldehyde sulfoxylate, 0.008 parts by weight Fe<sup>2+</sup> salt and 0.159 parts by weight diisopropyl benzene hydroperoxide. In 3 hrs the conversion reaches 80%. [Abstracter's note: Complete translation.]

Card 2/2

LANICEK, J.

Topics and observations concerning design and construction of electronic devices used in metallurgic plants. p. 270.

AUTOMATIZACE. Praha, Czechoslovakia. Vol. 2, no. 9, Sept. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.

Uncl.

LANICEK, J.

Tester of semiconductor diodes. Automatizace 6 no.6:150 Je '63.

LANIECKI, Witold, prof. dr.

Luminescence of crystalline phosphors in an electric field.  
Problemy 19 no.8:482-489 '63.

LANIECKI, WITOLD.

Laniecki, Witold. Polprzewodniki. Warszawa, Panstwowe Wydawn. Techniczne.  
1951. v.(1) (Semiconductors. Part 1. Bibl., diags.)

SO: Monthly List of East European Accessions, Vol.2, No.8, L.C., Aug.1953, Uncl.

LANIECKI, W.

1. Magnetic oxygen analyzer. Witold Laniecki. Gas,  
Woda i Tech. Sanit. 28, 2-6(1954) 234-235.  
References.  
Henry W. Lawendel

LL

LAWIECKI, VJ.

POLAND/Electronics - Semiconductor Devices and Photoelements

H-8

Abs Jour : Ref Zhur - Fizika, No 5, 1959, No 11148

Author : Laniecki Witold

Inst : -

Title : Dependence of the Resistance and Capacitance of a Selenium  
Photocell on the Illumination

Orig Pub : Elektronika, 1958, 4, No 4-5, 133-140

Abstract : A brief description is given of a construction of a selenium photocell; its operating principle is considered and certain characteristic phenomena connected with its functioning are described. Methods are described for measuring the capacitance and resistance of these photocells.

Card : 1/1.

LANIECKI, Witold, prof. dr

New achievements of low-temperature physics. Problemy 19 no.1:10-  
16 '63.

LANIECKI, Witold

Crystal lattice defects of semiconductors and their effect  
on the characteristics of dry rectifiers. Przegl  
elektroniki 3 no.11:653-662 N '62.

1. Politechnika, Warszawa.

LANIGAN, H.

Textile production for industry. p. 681. TEKSTIL. (Društvo  
inženjera i tehničara tekstilaca Hrvatske) Zagreb. Vol. 5, no. 2,  
Aug. 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress,  
Vol. 5, no. 12, December 1956